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| TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i> | | Application Number | 10/802,646 |
| | | Filing Date | March 16, 2004 |
| | | First Named Inventor | Harlan Seymour |
| | | Group Art Unit Number | 2171 |
| | | Examiner Name | Not Yet Known |
| Total Number of Pages in This Submission | 5* | Attorney Docket Number | 20423-08590 |

| ENCLOSURES (check all that apply) | |
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| SIGNATURE OF ATTORNEY OR AGENT | | |
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| Signature: | | |
| Attorney/Reg. No.: | Brian M. Hoffman, Reg. No. 39,713 | Dated: 9/29/05 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Harlan Seymour et al.

APPLICATION NO.: 2005/0802,646

FILING DATE: March 16, 2004

TITLE: Empirical Database Access Adjustment

EXAMINER: Not Yet Known

GROUP ART UNIT: 2171

ATTY. DKT. NO.: 20423-08590

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Brian M. Hoffman, Reg. No.: 39,713

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

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- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained

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in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

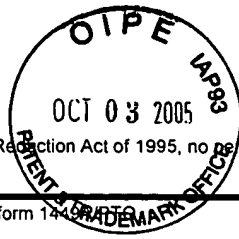
- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☒ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
HARLAN SEYMOUR ET AL.

Dated: 9/29/05

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

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| Application No. | 10/802,646 |
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| First Named Inventor | Harlan Seymour |
| Art Unit | 2171 |
| Examiner Name | Not Yet Known |
| Attorney Docket Number | 20423-08590 |

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document No. Number – Kind Code ² (if known) | Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|--|--------------------|--|
| | A1 | US-2003/0037251 A1 | 02-20-2003 | Frieder et al. |
| | A2 | US-2002/0157020 A1 | 10-24-2002 | Royer |
| | A3 | US-2002/0083343 A1 | 06-27-2002 | Crosbie et al. |
| | A4 | US-6,314,409 B2 | 11-06-2001 | Schneck et al. |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T ⁶ |
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OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ⁶ |
|--------------------|-----------------------|--|----------------|
| | C1 | CHUNG, C.Y. et al., "DEMIDS: A Misuse Detection System For Database Systems," Department Of Computer Science, University Of California At Davis, October 1, 1999, pp. 1-18. | |
| | C2 | KR ÜGEL, C. et al., "A Survey On Intrusion Detection Systems," Distributed Systems Group, Technical University Of Vienna, December 12, 2000, pp. 1-36. | |
| | C3 | LEE, S.Y. et al., "Learning Fingerprints For A Database Intrusion Detection System," ESORICS 2002, LNCS 2502, pp. 264-279, November 2002, Springer-Verlag, Germany. | |
| | C4 | LOW, W.L. et al., "DIDAFIT: Detecting Intrusions In Databases Through Fingerprinting Transactions," ICEIS 2002 – Databases And Information Systems Integration, 2002, pp. 121-128. | |
| | C5 | RAMASUBRAMANIAN, P. et al., "Quickprop Neural Network Ensemble Forecasting Framework For A Database Intrusion Prediction System," Neural Information Processing – Letters And Reviews, October 2004, pp. 9-18, Vol. 5, No. 1. | |
| | C6 | VALEUR, F. et al., "A Learning-Based Approach To The Detection Of SQL Attacks," Proceedings of the Conference on Detection of Intrusions and Malware & Vulnerability Assessment (DIMVA), Vienna, Austria, July 2005, 18 pages. | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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20423/08590/DOCS/1559100.1